

# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/650,200	08/29/2000	Cornelius Van Zon	US 000219 8637		
24737	7590 11/16/2004		EXAM	INER	
PHILIPS INTELLECTUAL PROPERTY & STANDARDS P.O. BOX 3001			RAO, ANAND	RAO, ANAND SHASHIKANT	
BRIARCLIFF MANOR, NY 10510			ART UNIT	PAPER NUMBER	

2613 DATE MAILED: 11/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Eatheritism for intermining be arrialished under the proteinion of 3 CFR 1.136(s). In no event, however, may a reply be timely filled  Eatheritism of intermining be arrialished under the proteinion of 3 CFR 1.136(s). In no event, however, may a reply be timely filled  If the period for reply specified above is less than litely (30) days, a reply voltain the addition printing under for reply in Specified of reply is a specified door, the maximum additionary printing high and villed green (5 (M MONTHS from the mailing date of this communication.  Any mark received by the Collection of the printing date of the communication of the communication.  Any mark received by the Collection of the collection of the communication of the communication.  This action is FINAL.  1) Responsive to communication(s) filled on 12 July 2004.  2a) This action is FINAL.  2b) This action is format matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1-21 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5] Claim(s) 1-21 is/are rejected.  7) Claim(s) is/are allowed.  Claim(s) is/are allowed.  6) Claim(s) is/are allowed.  Application Papers  9) The specification is objected to by the Examiner.  Application Papers  9) The specification is objected to by the Examiner.  Application Papers  9) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Application pay not request that any objection to the drawing(s) be held in abovyance. Seo 37 CFR 1.85(s).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  3) All b) Some 'c) None of:  1. Certified copies of the priority documents have		Application No.	Applicant(s)			
Andy S. Rao  - The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  A PHORITENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  If the period for reply specified above is less than thinly (30 days, and provide the statutory minimum of thiny (30) days will be considered timely.  If the period for reply specified above is less than thinly (30 days, and you while the statutory minimum of thiny (30) days will be considered timely.  If the period for reply specified above is less than thinly (30 days, and you will be considered timely.  If the period for reply specified above is less than thinly (30 days, and you have not be statutory minimum of thiny (30) days will be considered the sheet of the sheet statutory provide and you will be considered the sheet of the sheet statutory reply tecevised by the Office liter than there ments the statutory reply tecevised by the Office liter than there ments the statutory reply tecevised by the Office liter than there ments the statutory reply tecevised by the Office liter than there ments the statutory reply tecevised by the Office liter than there ments the statutory reply tecevised by the Office liter than there are statutory to the statutory of the ments is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  A) Claim(s) 1-21 is/are pending in the application.  4) Claim(s) 1-21 is/are allowed.  5) Claim(s) 1-21 is/are allowed.  6) Claim(s) 1-21 is/are allowed.  6) Claim(s) 1-21 is/are allowed.  7) Claim(s) 1-21 is/are allowed.  8) Claim(s) 1-21 is/are allowed.  8) Claim(s) 1-21 is/are allowed.  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on 1 is/are: allowed.  10) Claim(s) 1-21 is/ar	Office Action Comme	09/650,200	VAN ZON, CORNELIUS			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Features of the many by available under the provisions of 37 CFR 1.136(a). In no event, however, may a noty be timely filled to the provision of the prior of the p	Unice Action Summary	Examiner	Art Unit			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALLING DATE OF THIS COMMUNICATION.  - and STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALLING DATE OF THIS COMMUNICATION.  - and STATUTORY DESCRIPTION of the processor of 37 CFR 1 136(s). In no event, herever, may a reply be timely filed and the processor of 37 CFR 1 136(s). In no event, herever, may a reply be timely filed and statuted the processor of 37 CFR 1 136(s). In no event, herever, may a reply be timely filed and statuted the statuted of the statute of this (20) days will be considered timely.  - If NO Priod for reply is pecified above, the maximum statutory protost will apply and voil capre 576 (6) MONTHS for much the mailing date of this communication. Proceedings the statute of the statute of the communication of the second statute of the statute of the statute of the second statute of the statute of the statute of the second statute of the sta		7				
THE MAILING DATE OF THIS COMMUNICATION.  Fatherists to many be written and the provision of 3°C PR 1.13(a). In no event, however, may a nepty be timely liked after 50 (8) MORTHS from the mailing date of this communication.  Fatherists to many be written and of this communication.  If NO prodict or nepty is specified above, the maximum dates of prodict will always and will origin 5°C (8) MORTHS from the mailing date of this communication.  Father is repty within the set or extended pariotic for repty well, by attains, cause the application to become ABANDONED 03 U.S. c. § 1333. Are prehy recorded by the Office let than these monitors after the mailing date of this communication, even if timely filted, may reduce any events placed term asplanment. See 3°C GPR 1.70(b).  Status  1)  Responsive to communication(s) filted on 12 July 2004.  2a)  This action is FINAL.  2b) This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s) 1.21 is/are pending in the application.  4a) Of the above claim(s) is/are pending in the application.  4a) Of the above claim(s) is/are objected to by the Examiner.  Claim(s) is/are objected to by the Examiner.  10) The production Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The drawing(s) filed on is/are: a) accepted or b) objected to See 37 CFR 1.121(d).  11) All b) correction is objected to by the Examiner.  Note the drawing(s) filed copies of the priority documents have been received in Application No a)	The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address			
This action is FINAL.   2b\  This action is non-final.   3\  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.	THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period Failure to reply within the set or extended period for reply with by statute. Any reply received by the Office later than three months after the mailing	36(a). In no event, however, may a reply be time of within the statutory minimum of thirty (30) days will apply and will expire SIX (6) MONTHS from of cause the application to become ABANDONEI	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).			
2a) ☐ This action is FINAL.  3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) ☐ Claim(s) 1-21 is/are pending in the application.  4a) ☐ the above claim(s) is/are withdrawn from consideration.  5) ☐ Claim(s) is/are allowed.  6) ☐ Claim(s) is/are objected to.  8) ☐ Claim(s) is/are objected to.  8) ☐ Claim(s) is/are objected to by the Examiner.  70 ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  Application Papers  9) ☐ The specification is objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to See 37 CFR 1.121(d).  11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☐ All b) ☐ Some * c) ☐ None of:  1. ☐ Certified copies of the priority documents have been received in Application No  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) ☐ Notice of Preferences Cited (PTO-892)  3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/5B08)  5) ☐ Notice of Information Information (PTO-152)	Status	•				
3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s)	1) Responsive to communication(s) filed on 12 Ju	ıly 2004.				
closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s) 1-21 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5)  Claim(s) is/are allowed. 6)  Claim(s) is/are allowed. 7)  Claim(s) is/are objected to. 8)  Claim(s) is/are objected to. 8)  Claim(s) is/are objected to. 9)  The specification is objected to by the Examiner. 10)  The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a)  All b)  Some * c) None of:	2a)⊠ This action is <b>FINAL</b> . 2b)□ This	This action is <b>FINAL</b> . 2b) This action is non-final.				
A) Claim(s) 1-21 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) is/are allowed.  6) Claim(s) is/are rejected.  7) Claim(s) is/are objected to.  8) Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1 Certified copies of the priority documents have been received.  2 Certified copies of the priority documents have been received in Application No  3 Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of Parlspreson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	3) Since this application is in condition for allowar	nce except for formal matters, pro	secution as to the ments is			
4) ☐ Claim(s) 1-21 is/are pending in the application. 4a) Of the above claim(s)	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
4a) Of the above claim(s) is/are withdrawn from consideration.  5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) □ The specification is objected to by the Examiner.  10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) □ All b) □ Some * c) □ None of:  1. □ Certified copies of the priority documents have been received.  2. □ Certified copies of the priority documents have been received in Application No  3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) □ Notice of References Cited (PTO-892)  30 □ Information Disclosure Statement(s) (PTO-1449 or PTO/S808)  5) □ Notice of International Patent Application (PTO-152)	Disposition of Claims					
4a) Of the above claim(s) is/are withdrawn from consideration.  5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) □ The specification is objected to by the Examiner.  10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) □ All b) □ Some * c) □ None of:  1. □ Certified copies of the priority documents have been received.  2. □ Certified copies of the priority documents have been received in Application No  3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) □ Notice of References Cited (PTO-892)  30 □ Information Disclosure Statement(s) (PTO-1449 or PTO/S808)  5) □ Notice of International Patent Application (PTO-152)	4) Claim(s) 1-21 is/are pending in the application.					
5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) is/are objected to by the Examiner. 4Application Papers  9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s) 1) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) ☐ Notice of Informal Patent Application (PTO-152)						
7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/5B/08)	<u> </u>					
Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/5B/08)  5) Notice of Informal Patent Application (PTO-152)	· · · · · · · · · · · · · · · · · · ·					
Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some Older None of:  1 Certified copies of the priority documents have been received.  2 Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)	7) Claim(s) is/are objected to.					
9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)	8) Claim(s) are subject to restriction and/o	r election requirement.				
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)	Application Papers					
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)	9) The specification is objected to by the Examine	r. ,				
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)	·					
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)						
Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d)					
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)	11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.					
a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)	Priority under 35 U.S.C. § 119	·	*			
2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)	- · · · · · · · · · · · · · · · · · · ·					
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)	1. Certified copies of the priority documents have been received.					
application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  * See the attached detailed Office action for a list of the certified copies not received.  4) Interview Summary (PTO-413) Paper No(s)/Mail Date  5) Notice of Informal Patent Application (PTO-152)						
* See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  * See the attached detailed Office action for a list of the certified copies not received.  4) Interview Summary (PTO-413) Paper No(s)/Mail Date  5) Notice of Informal Patent Application (PTO-152)			d in this National Stage			
Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  4) Interview Summary (PTO-413) Paper No(s)/Mail Date  5) Notice of Informal Patent Application (PTO-152)						
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152)	See the attached detailed Office action for a list of the certified copies not received.					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152)						
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  Paper No(s)/Mail Date  Paper No(s)/Mail Date  Notice of Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  Notice of Information Patent Application (PTO-152)	Attachment(s)					
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)						
	3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	5) 🔲 Notice of Informal Pa				

Art Unit: 2613

#### DETAILED ACTION

### Response to Amendment

1. Applicant's arguments with respect to claims 1-21 as filed in the amendment of 7/12/2004 have been considered but are most in view of the new ground(s) of rejection based on newly cited portions of the previously applied references addressing the newly added limitations.

## Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Art Unit: 2613

3. Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Sethuraman et al., (hereinafter referred to as "Sethuraman").

Sethuraman discloses an apparatus in a receiver that is configured for receiving and decoding an incoming scaleable video bit stream (Sethuraman: column 35, lines 40-58) that has been encoded by a transmitter for transmission externally from the transmitter (Sethuraman: column 9, lines 35-54) and further configured for generating a baseband video signal (Sethuraman: column 8, lines 40-65), said apparatus for controlling a processing load of said scalable video decoder (Sethuraman: column 9, lines 35-45), said apparatus comprising: analyzer circuit capable of measuring, from the received bit stream, (Sethuraman: column 9, lines 35-45) at least one characteristic of said received bit stream and generating at least one video parameter associated with said at least one characteristic (Sethuraman: column 4, lines 20-25); and a processor load controller configured for receiving said at least one video parameter (Sethuraman: column 9, lines 7-35) and, in response thereto, controlling a level of decoding of said incoming received bit stream performed by said scalable video decoder (Sethuraman: column 9, lines 46-56), as in claim 1.

Regarding claim 2, Sethuraman discloses that said at least one video parameter indicates a level of motion of frames (Sethuraman: column 7, lines 20-53), as in the claim.

Regarding claim 3, Sethuraman discloses that said at least one video parameter indicates a level of detail of frames (Sethuraman: column 19, lines 40-50), as in the claim.

Regarding claims 4-5, Sethuraman discloses receiving a frame type parameter associated with a first frame (Sethuraman: column 4, lines 55-65), as in the claims.

Art Unit: 2613

Regarding claims 6-7, Sethuraman discloses receiving a source type parameter indicating a video bit stream or a film bit stream (Sethuraman: column 3, lines 35-55), as in the claims.

Regarding claim 8, Sethuraman discloses generates at least one scale factor capable of controlling a level of decoding performed by said scalable video decoder (Sethuraman: column 6, lines 25-67), as in the claim.

Sethuraman discloses a video receiver (Sethuraman: figure 1), comprising: a buffer configured for receiving an incoming scalable video bit stream (Sethuraman: column 4, lines 40-50), that has been transmitted externally from a video transmitter and for storing the received bit stream (Sethuraman: column 35, lines 40-58); in communicative connection with the buffer (Sethuraman: column 9, lines 35-54), a scalable video decoder configured for decoding an the bit stream that has been stored and generating a baseband video signal (Sethuraman: column 8, lines 40-65), said scalable video decoder comprising: an apparatus configured for controlling a processing load of said scalable video decoder comprising (Sethuraman: column 9, lines 35-45): an analyzer circuit configured for measuring at least one characteristic of said bit stream that has been stored and generating at least one video parameter associated with said at least one characteristic (Sethuraman: column 4, lines 20-25); and a processor load controller configured for receiving said at least one video parameter (Sethuraman: column 9, lines 7-35) and, in response thereto, controlling a level of decoding performed by said scalable video decoder (Sethuraman: column 9, lines 46-56) on said bit stream that has been stored (Sethuraman: column 35, lines 40-58); and coupled to said scalable video decoder, a display, configure for displaying said baseband video signal (Sethuraman: column 36, lines 1-10), as in claim 9.

Art Unit: 2613

Regarding claim 10, Sethuraman discloses that said at least one video parameter indicates a level of motion of frames (Sethuraman: column 7, lines 20-53), as in the claim.

Regarding claim 11, Sethuraman discloses that said at least one video parameter indicates a level of detail of frames (Sethuraman: column 19, lines 40-50), as in the claim.

Regarding claims 12-13, Sethuraman discloses receiving a frame type parameter associated with a first frame (Sethuraman: column 4, lines 55-65), as in the claims.

Regarding claims 14-15, Sethuraman discloses receiving a source type parameter indicating a video bit stream or a film bit stream (Sethuraman: column 3, lines 35-55), as in the claims.

Regarding claim 16, Sethuraman discloses generates at least one scale factor capable of controlling a level of decoding performed by said scalable video decoder (Sethuraman: column 6, lines 25-67), as in the claim.

Sethuraman discloses a method for controlling a processing load of a scalable video decoder incorporated within a receiver that receivers an incoming scaleable video bit stream from a transmitter configured for encoding to form said incoming scalable video bit stream and further configured for transmitting said incoming scalable video bit stream (Sethuraman: column 35, lines 40-58), said scalable video decoder being configured for decoding said an incoming scalable video bit stream and generating a baseband video signal (Sethuraman: column 8, lines 40-65), said method comprising the steps of (Sethuraman: column 9, lines 35-45): measuring, from the received bit stream (Sethuraman: column 9, lines 45-54), at least one characteristic of said received bit stream; generating at least one video parameter associated with said at least one characteristic (Sethuraman: column 4, lines 20-25); generating at least one video parameter

Art Unit: 2613

associated with the at least one characteristic (Sethuraman: column 9, lines 7-35); and in response to a value of the at least one video parameter controlling a level of decoding of said received bit stream performed by said scalable video decoder (Sethuraman: column 9, lines 46-56), as in claim 17.

Regarding claim 18, Sethuraman discloses that said at least one video parameter indicates a level of motion of frames (Sethuraman: column 7, lines 20-53), as in the claim.

Regarding claim 19, Sethuraman discloses that said at least one video parameter indicates a level of detail of frames (Sethuraman: column 19, lines 40-50), as in the claim.

Regarding claims 20-21, Sethuraman discloses receiving a frame type parameter associated with a first frame (Sethuraman: column 4, lines 55-65), as in the claims.

#### Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

Art Unit: 2613

Page 7

however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andy S. Rao whose telephone number is (703)-305-4813. The examiner can normally be reached on Monday-Friday 8 hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris S. Kelley can be reached on (703)-305-4856. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Andy S. Rao Primary Examiner Art Unit 2613

asr April 2, 2004 ANDY RAO PRIMARY EXAMINER